

## ABSTRACT

A method of determining the shape of a dental prosthesis is disclosed comprising, scanning at least a connecting portion of a preparation, wherein the preparation comprises a first anchor and a connecting portion connected thereto, forming a physical model on the connecting portion to produce a pontic, and scanning at least the pontic whereby the surface of the first anchor is also scanned during a scanning step whereby the scanning steps can be carried out in either order. The preparation may be scanned to provide data concerning relative locations of the first anchor and connecting portion, which may be used to align data obtained during the scanning steps. Also disclosed is a method of producing a model of a dental prosthesis and a method of manufacturing a dental prosthesis.